



SSSSSSSS	MM	MM	GGGGGGGG	MM	MM	AAAAAA	PPPPPPP	TTTTTTTT	RRRRRRR	MM	MM
SSSSSSSS	MM	MM	GGGGGGGG	MM	MM	AAAAAA	PPPPPPP	TTTTTTTT	RRRRRRR	MM	MM
SS	MMMM	MMMM	GG	MMMM	MMMM	AA	PP	PP	RR	RR	MMMM
SS	MMMM	MMMM	GG	MMMM	MMMM	AA	PP	PP	RR	RR	MMMM
SS	MM	MM	GG	MM	MM	AA	AA	PP	RR	RR	MM
SS	MM	MM	GG	MM	MM	AA	AA	PP	RR	RR	MM
SSSSSS	MM	MM	GG	MM	MM	AA	AA	PPPPPPP	RRRRRRR	MM	MM
SSSSSS	MM	MM	GG	MM	MM	AA	AA	PPPPPPP	RRRRRRR	MM	MM
SS	MM	MM	GG	GG	GG	GGGGGG	MM	AA	RR	RR	MM
SS	MM	MM	GG	GG	GG	GGGGGG	MM	AA	RR	RR	MM
SS	MM	MM	GG	GG	GG	GGGGGG	MM	AA	RR	RR	MM
SS	MM	MM	GG	GG	GG	GGGGGG	MM	AA	RR	RR	MM
SSSSSSSS	MM	MM	GGGGGG	MM	MM	AA	AA	PP	RR	RR	MM
SSSSSSSS	MM	MM	GGGGGG	MM	MM	AA	AA	PP	RR	RR	MM

LL	IIIIII	SSSSSSSS
LL	IIIIII	SSSSSSSS
LL	IIIIII	SS
LLLLLLLL	IIIIII	SSSSSSSS
LLLLLLLL	IIIIII	SSSSSSSS

```
1 0001 0 XTITLE 'SMG$MAP TERM TABLE - Map Termttble.exe as a global section'  
2 0002 0 MODULE SMG$MAP_TERM_TABLE (  
3 0003 0     MAIR = SMG$MAP TERM_TABLE,  
4 0004 0     IDENT = '1-001' ! File: SMG$MAPTRM.B32 Edit: PLL1001  
5 0005 0 ) =  
6 0006 1 BEGIN  
7 0007 1 *****  
8 0008 1 *  
9 0009 1 *  
10 0010 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY  
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27 0027 1 *  
28 0028 1 *  
29 0029 1 *****  
30 0030 1 .  
31 0031 1 ++  
32 0032 1 FACILITY: Screen Management  
33 0033 1 ABSTRACT:  
34 0034 1  
35 0035 1  
36 0036 1 This module maps TERMTABLE.EXE as a global section.  
37 0037 1  
38 0038 1 ENVIRONMENT: User mode, Shared library routines.  
39 0039 1  
40 0040 1  
41 0041 1 AUTHOR: P. Levesque, CREATION DATE: 9-Nov-1983  
42 0042 1  
43 0043 1 MODIFIED BY:  
44 0044 1  
45 0045 1 1-001 - Original. PLL 9-Nov-1983  
46 0046 1 --
```

```
48      0047 1 XSBTTL 'Declarations'  
49      0048 1  
50      0049 1 | SWITCHES:  
51      0050 1 |  
52      0051 1 |  
53      0052 1 |  
54      0053 1 | LINKAGES:  
55      0054 1 |  
56      0055 1 |     NONE  
57      0056 1 |  
58      0057 1 | INCLUDE FILES:  
59      0058 1 |  
60      0059 1 |  
61      0060 1 REQUIRE 'SRC$:SMGPROLOG';           ! defines psects, macros, etc.  
62      0138 1  
63      0139 1 LIBRARY 'RTLML:SMGTPALIB';         ! definitions for TERMTABLE  
64      0140 1  
65      0141 1 |  
66      0142 1 | TABLE OF CONTENTS:  
67      0143 1 |  
68      0144 1 |  
69      0145 1 FORWARD ROUTINE  
70      0146 1  
71      0147 1 SMG$MAP_TERM_TABLE : NOVALUE;       ! map Termttable.exe as a global section  
72      0148 1  
73      0149 1 |  
74      0150 1 | MACROS:  
75      0151 1 |  
76      0152 1 |  
77      0153 1 |  
78      0154 1 | EQUATED SYMBOLS:  
79      0155 1 |  
80      0156 1 |  
81      0157 1 |  
82      0158 1 | FIELDS:  
83      0159 1 |  
84      0160 1 |     NONE  
85      0161 1 |  
86      0162 1 | PSECTS:  
87      0163 1 |  
88      0164 1 |  
89      0165 1 |  
90      0166 1 | STRUCTURES:  
91      0167 1 |  
92      0168 1 |  
93      0169 1 |  
94      0170 1 |  
95      0171 1 | OWN STORAGE:  
96      0172 1 |  
97      0173 1 |  
98      0174 1 |     NONE  
99      0175 1 |  
100     0176 1 |  
101     0177 1 | EXTERNAL REFERENCES:  
102     0178 1 |  
103     0179 1 | EXTERNAL LITERAL  
104     0180 1 |     SMG$_GBLNOTCRE,          ! global section not created
```

SMG\$MAP\_TERM\_TA SMG\$MAP\_TERM\_TABLE - Map Termtable.exe as a glo D 3  
1-001 Declarations 16-Sep-1984 00:51:37 VAX-11 Bliss-32 V4.0-742  
14-Sep-1984 13:09:53 [SMGRTL.SRC]SMG\$MAPTRM.B32;1 Page 3  
SMG1  
1-0

: 105 0181 1 SMG\$\_DELEXIGBL:  
: 106 0182 1 ! delete existing global section

```

108      0183 1 %SBTTL 'SMG$MAP TERM TABLE - Map Termtable.exe'
109      0184 1 GLOBAL ROUTINE SMG$MAP_TERM_TABLE : NOVALUE =
110      0185 1 ++
111      0186 1 | FUNCTIONAL DESCRIPTION:
112      0187 1 |
113      0188 1 | This routine maps TERMTABLE.EXE as a global section.
114      0189 1 |
115      0190 1 | FORMAL PARAMETERS:
116      0191 1 |
117      0192 1 |     NONE
118      0193 1 |
119      0194 1 | IMPLICIT INPUTS:
120      0195 1 |
121      0196 1 |     NONE
122      0197 1 |
123      0198 1 | IMPLICIT OUTPUTS:
124      0199 1 |
125      0200 1 |     NONE
126      0201 1 |
127      0202 1 | COMPLETION STATUS:
128      0203 1 |
129      0204 1 |
130      0205 1 | Errors from $OPEN, $CRMPSC may be signalled
131      0206 1 |     SMGS_GBLNOTCRE          global section not created
132      0207 1 |     SMGS_DELEXIGBL         delete existing global section and retry
133      0208 1 |
134      0209 1 | SIDE EFFECTS:
135      0210 1 |
136      0211 1 |     NONE
137      0212 1 | --
138      0213 2 | BEGIN
139      0214 2 | LOCAL
140      0215 2 | OPEN_STATUS,           ! status retd by $OPEN
141      0216 2 | MAP_STATUS,           ! status retd by $CRMPSC
142      0217 2 | REQ_ADDR : VECTOR [2] INITIAL (XX'200', XX'200'), ! input address to $CRMPSC
143      0218 2 | ACTUAL_ADDR : VECTOR [2], ! retd address from $CRMPSC
144      0219 2 | GBL_NAME_DESC : BLOCK [8,BYTE], ! desc for global section name
145      0220 2 | TERM_TAB_FAB : $FAB (FAC = GET, SHR = GET, FOP = UFO,
146      0221 2 | P FNM = 'TERMTABLE.EXE'). ! FAB for TERMTABLE.EXE
147      0222 2 |
148      0223 2 |
149      0224 2 |
150      0225 2 | +
151      0226 2 | Open the file to get a channel.
152      0227 2 | -
153      0228 2 |
154      0229 2 | IF NOT (OPEN_STATUS = $OPEN (FAB = TERM_TAB_FAB))
155      0230 2 | THEN
156      0231 2 |     SIGNAL_STOP (.OPEN_STATUS, .TERM_TAB_FAB [FABSL_STV]);
157      0232 2 |
158      0233 2 | +
159      0234 2 | Map it as a global section.
160      0235 2 | -
161      0236 2 |
162      0237 2 | GBL_NAME_DESC [DSC$B_DTYPE] = DSC$K_DTYPE_T;
163      0238 2 | GBL_NAME_DESC [DSC$B_CLASS] = DSC$K_CLASS_S;
164      0239 2 | GBL_NAME_DESC [DSC$W_LENGTH] = %CHARCOUNT('SMG$TERMTABLE');

```

F 3

1-001 SMG\$MAP\_TERM\_TA SMG\$MAP\_TERM\_TABLE - Map Termtable.exe as a glo 16-Sep-1984 00:51:37  
 SMG\$MAP\_TERM\_TABLE - Map Termtable.exe 14-Sep-1984 13:09:53

VAX-11 Bliss-32 V4.0-742  
 [SMGRTL.SRC]SMG\$MAPTERM.B32;1

Page 5  
 (3)

```

165      0240 2      GBL_NAME_DESC [DSCSA_POINTER] = UPLIT ('SMG$TERMTABLE');
166      0241 2
167      P 0242 2      MAP_STATUS = $CRMPSC (INADR = REQ_ADDR,
168          RETADR = ACTUAL_ADDR,
169          FLAGS = SEC$M_GBL + SEC$M_EXPREG + SEC$M_PERM + SEC$M_SYSGBL,
170          GSDNAM = GBL_NAME_DESC,
171          CHAN = .TERM_TAB_FAB [FABSL_STV]);
172      0247 2
173      0248 2      /* We always want to create a new global section. If there is already
174          0249 2      a SMG$TERMTABLE global section, it will have to be deleted before we
175          0250 2      can create a new one.
176          0251 2
177          0252 2      We can't delete the old section here because the deletion may not happen
178          0253 2      right away. (The section is marked for delete but doesn't disappear until
179          0254 2      no processes are mapped to it.)
180          0255 2
181          0256 2      IF .MAP_STATUS NEQ SSS_CREATED
182          0257 2      THEN
183          0258 2          SIGNAL (SMG$_GBLNOTCRE,0,SMG$_DELEXIGBL);
184          0259 2
185          0260 2
186          0261 2
187          0262 2      /* Deallocate the channel.
188          0263 2
189          0264 2
190          0265 2      $DASSGN (CHAN = .TERM_TAB_FAB [FABSL_STV]);
191          0266 2
192          0267 1      END:           ! end of SMG$MAP_TERM_TABLE
  
```

.TITLE SMG\$MAP\_TERM\_TABLE SMG\$MAP\_TERM\_TABLE - Map Termtable.exe as a glo  
 .IDENT \1-001\  
 .PSECT \_SMG\$CODE,NOWRT, SHR, PIC,2

45	58	45	2E	45	4C	42	41	54	4D	52	45	54	00000	P.AAA:	.ASCII	\TERMTABLE.EXE\	
													0000D		.BLKB	3	
													03	00010	P.AAB:	.BYTE	3
													50	00011		.BYTE	80
													0000	00012		.WORD	0
													00020000	00014		.LONG	131072
													00000000	00018		.LONG	0
													00000000	0001C		.LONG	0
													00000000	00020		.LONG	0
													0000	00024		.WORD	0
													02	00026		.BYTE	2
													02	00027		.BYTE	2
													00000000	00028		.LONG	0
													00	0002C		.BYTE	0
													00	0002D		.BYTE	0
													00	0002E		.BYTE	0
													02	0002F		.BYTE	2
													00000000	00030		.LONG	0
													00000000	00034		.LONG	0
													00000000	00038		.LONG	0
													00000000	0003C		.ADDRESS	P.AAA

; Routine Size: 136 bytes, Routine Base: \_SMG\$CODE + 0070

H 3  
SMG\$MAP\_TERM\_TA SMG\$MAP\_TERM\_TABLE - Map Termtable.exe as a glo 16-Sep-1984 00:51:37 VAX-11 Bliss-32 v4.0-742  
1-001 SMG\$MAP\_TERM\_TABLE - Map Termtable.exe 14-Sep-1984 13:09:53 [SMGRTL.SRC]SMG\$MAPTRM.B32;1  
: 194 0268 1 END Page 7  
: 195 0269 0 ELUDOM (4)  
: ! end of module SMG\$MAP\_TERM\_TABLE

SMG  
1-01

.EXTRN LIB\$SIGNAL, LIB\$STOP

PSECT SUMMARY

Name	Bytes	Attributes
_SMG\$CODE	248	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	Total	Symbols Loaded	Percent	Pages Mapped	Processing Time
\$255\$DUA28:[SYSLIB]STARLET.L32;1	9776	37	0	581	00:01.0
\$255\$DUA28:[SMGRTL.OBJ]RTLLIB.L32;1	36	0	0	8	00:00.1
\$255\$DUA28:[SMGRTL.OBJ]SMGLIB.L32;1	469	0	0	38	00:00.4
\$255\$DUA28:[SMGRTL.OBJ]SMGTPALIB.L32;1	41	0	0	10	00:00.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACE/LIS=LIS\$:SMG\$MAPTRM/OBJ=OBJ\$:SMG\$MAPTRM MSRC\$:SMG\$MAPTRM/UPDATE=(ENH\$:SMG\$MAPTRM )

Size: 136 code + 112 data bytes  
Run Time: 00:06.0  
Elapsed Time: 00:26.2  
Lines/CPU Min: 2703  
Lexemes/CPU-Min: 23226  
Memory Used: 75 pages  
Compilation Complete

0359 AH-BT13A-SE  
VAX/VMS V4.0

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